

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L1    | 1    | ("20050158179").pn.   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>20:49 |
| L2    | 28   | ("20020018399"  <br>"3559731"   "3632923"<br>"3838597"   "3857277"<br>"4058757"   "4171185"<br>"4286925"   "4487061"<br>"4777979"   "4862898"<br>"5006044"   "5044888"<br>"5091612"   "5236011"<br>"5343826"   "5362206"<br>"5732776"   "5941305"<br>"5970801"   "6032540"<br>"6085599"   "6114823"<br>"6155347"   "6246333"<br>"6528748"   "6937923"<br>"7242317").PN. | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>20:49 |
| L3    | 1931 | 700/14,28,282.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>20:49 |
| L4    | 4579 | 702/2,6,9,11-13,45-<br>49,188.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>20:49 |
| L5    | 402  | 137/2.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>20:50 |
| L6    | 6816 | L2 L3 L4 L5   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>20:50 |
| L7    | 9    | L2 and (pound\$3 or fluid-<br>pound\$3)   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>20:55 |
| L8    | 9    | L2 and (pound\$3 or fluid-<br>pound\$3 or fluidpound<br>\$3)  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>20:55 |
| L9    | 13   | L2 and (Pumpjacks or<br>pump-jack or (pump\$3<br>near2 jack) or nodding<br>or donkey or horsehead<br>or beam or (sucker adj2<br>rod) or suckerrod or<br>sucker-rod or srp or<br>grasshopper or (thirsty<br>adj2 bird) or jackpump\$3<br>or (beam near2 engine)<br>or (walking near2<br>beam))   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/12<br>21:06 |

|     |     |  |                              |    |    |                     |
|-----|-----|--|------------------------------|----|----|---------------------|
| L10 | 13  | L2 and (((check or clack or non-return\$3 or oneway or one-way or nonreturn\$3 or ball or diaphragm or swing\$3 or clapp\$4 or stop-check or stopcheck or lift-check or liftcheck or lift or reed) near2 valve) or checkvalve or checkvalve or clackvalve or clackvalve) | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/12<br>21:25 |
| L12 | 3   | L8 and L9 and L10  | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/12<br>21:26 |
| L13 | 369 | L6 and (pound\$3 or fluid-pound\$3 or fluidpound \$3)  | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/12<br>21:34 |
| L14 | 564 | L6 and (Pumpjacks or pump-jack or (pump\$3 near2 jack) or nodding or donkey or horsehead or beam or (sucker adj2 rod) or suckerrod or sucker-rod or srp or grasshopper or (thirsty adj2 bird) or jackpump\$3 or (beam near2 engine) or (walking near2 beam))             | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/12<br>21:34 |
| L15 | 327 | L6 and (((check or clack or non-return\$3 or oneway or one-way or nonreturn\$3 or ball or diaphragm or swing\$3 or clapp\$4 or stop-check or stopcheck or lift-check or liftcheck or lift or reed) near2 valve) or checkvalve or checkvalve or clackvalve or clackvalve) | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/12<br>21:34 |
| L16 | 10  | L13 and L14 and L15  | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/12<br>21:34 |
| L17 | 3   | ("5252031"   "5464058"   "5715890").PN. OR ("7212923").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/04/12<br>21:38 |

4/ 12/ 09 9:44:46 PM

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